BRUHATH BANGALORE MAHANAGARA PALIKE

PWD FORM -45 (WORK SILP)

Name of work: - Improvements of Roads in DEO- RESIDENCY Layout and Surroundings in ward No. 7 Byatarayanpura, Kodigehalli sub division

Name of Agency: - Sathya Construction
Estimated Cost:-35.00 Lakhs
Work Code No:- 007-15-000038

Sl. No	Description	Unit	As per estimates			As per tenders			Actual Excecuted Qty			Savings
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	
1	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 157, Item No. 21.6)		6228.4	35.21	219302.00	6228.4	35.21	219302.00	5854.27	35.21	**206129.00**	
2	KSRRB M500-18. Providing and laying dense Graded bituminous Macadum using crushed agregates of specified grading premixed with VG30grade bituminous binder and transporting the hot mix to work site , laying to the required grade , level and allignment , rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per morth table 500-10 complete in all respects complete as per specification -do- using 40/60 TPH capacity H.M.P With sensor paver Gr-11 (50mm to 75mm) with 4% VG-30Bitumen pg 159 i.no 21.17.4		311.42	9115.2	2838656.00	311.42	9600	2989632.00	29.15	9600	**279840.00**	

3	KSRRB M500-19. Providing and laying bituminous concrete Using crushed agregate of spacifying grading , premixed with bituminious binder and filler , transporting the hot mx to work site , laying with paver finisher to the required grade , level and allignment , rolling with the smooth wheeled vibrator and tandem rollers to archive the desired compaction as per MORTH specification clause no 509 complete in all respects complete as per specification -do- using 40/60 TPH capacity H.M.P with sensor paver Gr - 1 (50mmto 60mm) with 5.5% CRMB 55 (P.161 item no 21.23.3)		1322	14.59	19288.00	1322	14.59	19288	832.90	14.59	**12152.00**	
4	KSSRB M500 10 Providing and applying tack coat using 80/100 grade bitumen (VG10) In boiler fitted with spray set distrubuter at the rate of 0.2 kg per sqm on existing prepared bitumenous surface cleaned with mechanical broom complete as per specification pg no : 158 Item no : 21.10		24.29	12139.2	294861.00	24.29	13000	315770.00	234.20	13000	**3044600.00**	
5	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No. 178, Item No. 24.15) SR 2014-15		181.3	475.2	86154.00	181.3	475.2	86154.00	166.58	475.2	79159.00	
	Total				**3458261.00**			**3630146.00**			**3621880.00**	**8266.00**

SUMMARY:-

1)Estimated cost Rs:-3500000.00

2) Tender Cost Rs:- 3630146.00

3)Executed cost Rs:- 3621880.00

4) During Execution as per requirement and site condition, the estimated cost of the amount Savings Rs: 8266.00

Assistant Engineer
Ward No.07

Assistant Executive Engineer
Kodigehalli Subdivision
Bangalore-92

BRUHATH BANGALORE MAHANAGARA PALIKE

PWD FORM -45 (WORK SILP)

Name of work: - Improvements of Roads in DEO- RESIDENCY Layout and Surroundings in ward No. 7 Byatarayanpura, Kodigehalli sub division

Name of Agency: - Sathya Construction
Estimated Cost:-35.00 Lakhs
Work Code No:- 007-15-000038

Sl. No	Description	Unit	As per estimates			As per tenders			Actual Excecuted Qty			Savings	Exess
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount		
1	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 157, Item No. 21.6)		6228.4	35.21	219302.00	6228.4	35.21	219302.00	5854.27	35.21	**206129.00**	**13173.00**	Nill
2	KSRRB M500-18. Providing and laying dense Graded bituminous Macadum using crushed agregates of specified grading premixed with VG30grade bituminous binder and transporting the hot mix to work site , laying to the required grade , level and allignment , rolling with smooth wheeled vibratory and tandem rollers to achieve the desired compaction as per morth table 500-10 complete in all respects complete as per specification -do- using 40/60 TPH capacity H.M.P With sensor paver Gr-11 (50mm to 75mm) with 4% VG-30Bitumen pg 159 i.no 21.17.4		311.42	9115.2	2838656.00	311.42	9600	2989632.00	29.15	9600	**279840.00**	**2709792.00**	Nill

3	KSRRB M500-19. Providing and laying bituminous concrete Using crushed agregate of spacifying grading , premixed with bituminious binder and filler , transporting the hot mx to work site , laying with paver finisher to the required grade , level and allignment , rolling with the smooth wheeled vibrator and tandem rollers to archive the desired compaction as per MORTH specification clause no 509 complete in all respects complete as per specification -do- using 40/60 TPH capacity H.M.P with sensor paver Gr - 1 (50mmto 60mm) with 5.5% CRMB 55 (P.161 item no 21.23.3)	Sqm	1322	14.59	19288.00	1322	14.59	19288	832.90	14.59	**12152.00**	**7136.00**	Nill
4	KSSRB M500 10 Providing and applying tack coat using 80/100 grade bitumen (VG10) In boiler fitted with spray set distrubuter at the rate of 0.2 kg per sqm on existing prepared bitumenous surface cleaned with mechanical broom complete as per specification pg no : 158 Item no : 21.10	Sqm	24.29	12139.2	294861.00	24.29	13000	315770.00	234.20	13000	**3044600.00**	Nill	2728830.00
5	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No. 178, Item No. 24.15) SR 2014-15	Sqm	181.3	475.2	86154.00	181.3	475.2	86154.00	166.58	475.2	79159.00	**6995.00**	Nill
	Total				**3458261.00**			**3630146.00**			**3621880.00**	**2737096.00**	2728830.00
												8266.00	Nill

SUMMARY:-

1)Estimated cost Rs:-3500000.00

2) Tender Cost Rs:- 3630146.00

3)Executed cost Rs:- 3621880.00

4) During Execution as per requirement and site condition, the estimated cost of the amount Savings Rs: 8266.00

Assistant Engineer
Ward No.07

Work Slip Approved
Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Bangalore 92

Assistant Executive Engineer
Kodigehalli Subdivision
Bangalore-92

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092